

OPEN SET
SOUND PROOF
ENGINE PERKINS
WATER COOLED

GBW SERIES 15-22-30-45 P 50 Hz - 1500 rpm

GBW 15-22-30-45 P: Power and Versatility

GBW Series generators are reliable and powerful machines designed for professional outdoor use in construction, industry, etc. Excellent performance and easily installed they can be used either to support electricity mains failure or in any location not connected to a mains power supply.



Reliability

The PRAMAC GBW Series generators, featuring control systems and IP44 sockets (CE), are designed for long-life and excellent reliability.

Safety

Components such as thermal-magnetic protection, engine protection unit, differential interruptor and emergency shutdown switch, guarantee operator safety and main components reliability during use.

Accessibility

In the soundproof version an easily lifted canopy (GBW15/22 P) and two large doors (GBW30/45 P) simplify maintenance and repair operations.

Performance

The diesel engines fitted to these generators provide high performance and low consumption. Perkins engine extremely high load acceptance capacity ensures instant power.



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IP44 Sockets

Conforming to European Directives, these sockets have protection against water incursion and entry of objects with a diameter greater than 1 mm.

NOTE: Different models from 50Hz 400V three-phase include an internal plinth row for the load connection.



Control systems

The generators are fitted with analogue control systems (voltmeter and Ammeter) to provide real-time analysis of the power supply. The engine protection unit guarantees the shutdown of the machine when an engine failure occurs (battery charge fail, high water temperature and low oil pressure).



Protection systems

The thermal-magnetic protection is a safety device that protects the alternator from overloading and short-circuiting. The differential interrupter is an Ammeter regulating protection, intervening only when the system has an earth failure.



External earthing point

All metal parts are connected to a common grounding point. Fault currents are connected to the ground for operator safety.



MODEL - 50 Hz		GBW15 P	GBW22 P	GBW30 P	GBW45 P
GENERATOR					
Power PRP/LTP	kVA	12,7/13,8	19,0/20,1	29,0/30,0	44,0/45,0
Voltage / Frequency	Volt/Hz	400/50	400/50	400/50	400/50
Power PRP/LTP (Single-phase)	kVA	10,3/11,4	12,4/13,01	16,0/17,6	24,7/27,2
Voltage / Frequency	Volt/Hz	230/50	230/50	230/50	230/50
ENGINE					
Engine (PERKINS)		403C-15G	404C-22G	1103A-33G	1103A-33TG1
Displacement	cc	1496	2216	3300	3300
Number cylinders		3 IN-LINE	4 IN-LINE	3 IN-LINE	3 IN-LINE
Power (PRP)	kW	12	18,4	27,7	41,3
Fuel		DIESEL	DIESEL	DIESEL	DIESEL
Aspiration		NATURAL	NATURAL	NATURAL	TURBO
Cooling system		WATER	WATER	WATER	WATER
Starting system		ELECTRIC	ELECTRIC	ELECTRIC	ELECTRIC
CONSUMPTION					
Consumption	g/kWh	254	243	214	218
Consumption at 75%	l/h	2,72	3,83	5,4	8,2
Tank capacity	l	51	51	51	51
Running time	h	18,7	13,3	9,4	6,2
NOISE EMISSION (only for soundproof version)					
Noise level LWA	dB(A)	94	93	92	89
Acoustic pressure at 7 m	dB(A)	69	68	67	64
DIMENSIONS AND WEIGHT (open set)					
Length x Width x Height	mm	1600x870x1000	1600x870x1000	2000x920x1100	2000x920x1100
Weight (Three-phase)	kg	410	480	700	785
DIMENSIONS AND WEIGHT (soundproof)					
Length x Width x Height	mm	1600x870x1072	1600x870x1072	2000x920x1300	2000x920x1300
Weight (Three-phase)	kg	472	565	875	960

LTP: EMERGENCY POWER - PRP: PRIME POWER

Certifications

Production sites according to ISO directions

SIN CERT



PRAMAC Lifter Sp.A.
Località il Piano
53031 Casole d'Elsa (SI) - Italy

PRAMAC IBERICA S.A.
Parque Empresarial Polaris C/ Mario
Campinoti, 1 Autovía Murcia-San Javier Km
18, 30591 Balsicas, Murcia - Spain

Warranty

- 12 months warranty, excluding wearing parts

Supplements

INSTALLED DURING PRODUCTION ONLY

- Automatic panel (ACP)
- Automatic mains failure panel (AMF)
- Engine heater

Accessories

- Site trailer (only for soundproof versions)
- Road trailer (only for soundproof versions)
- Load Transfer Switch Panel (LTS) for ACP versions



FOR INFORMATION ABOUT THE NEAREST
PRAMAC SERVICE AND PARTS CENTRE:
WWW.PRAMACPARTS.COM

FOR ANY OTHER REQUEST PLEASE CONTACT THE NEAREST PRAMAC BRANCH OR CLICK OUR WEB SITE

WWW.PRAMAC.COM

The producer reserves the right to introduce changes to models and features without prior notice. Models, version associated, product characteristics can vary according to the markets. - 2006